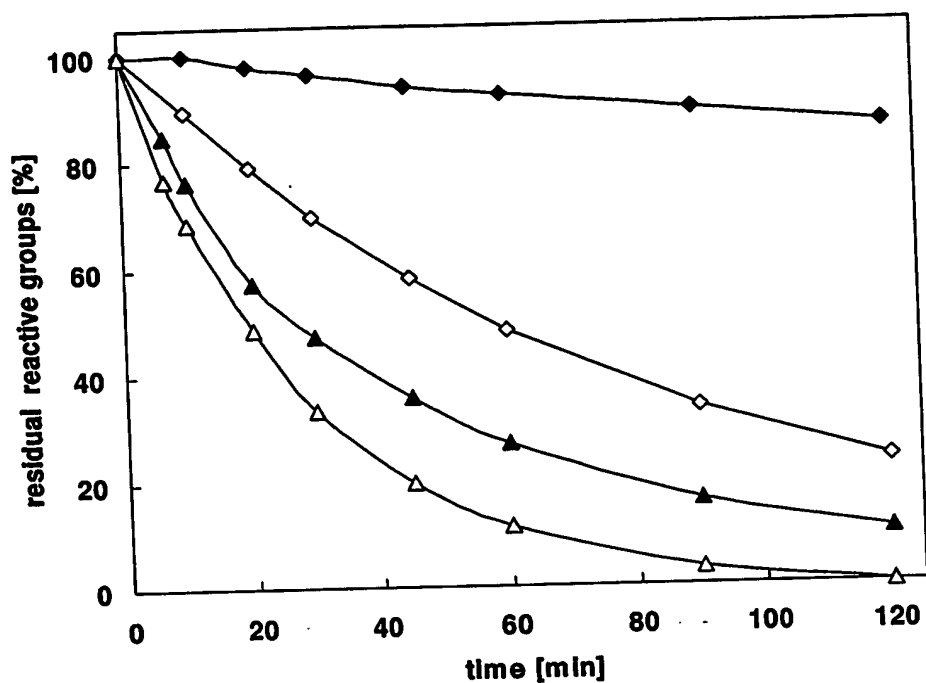


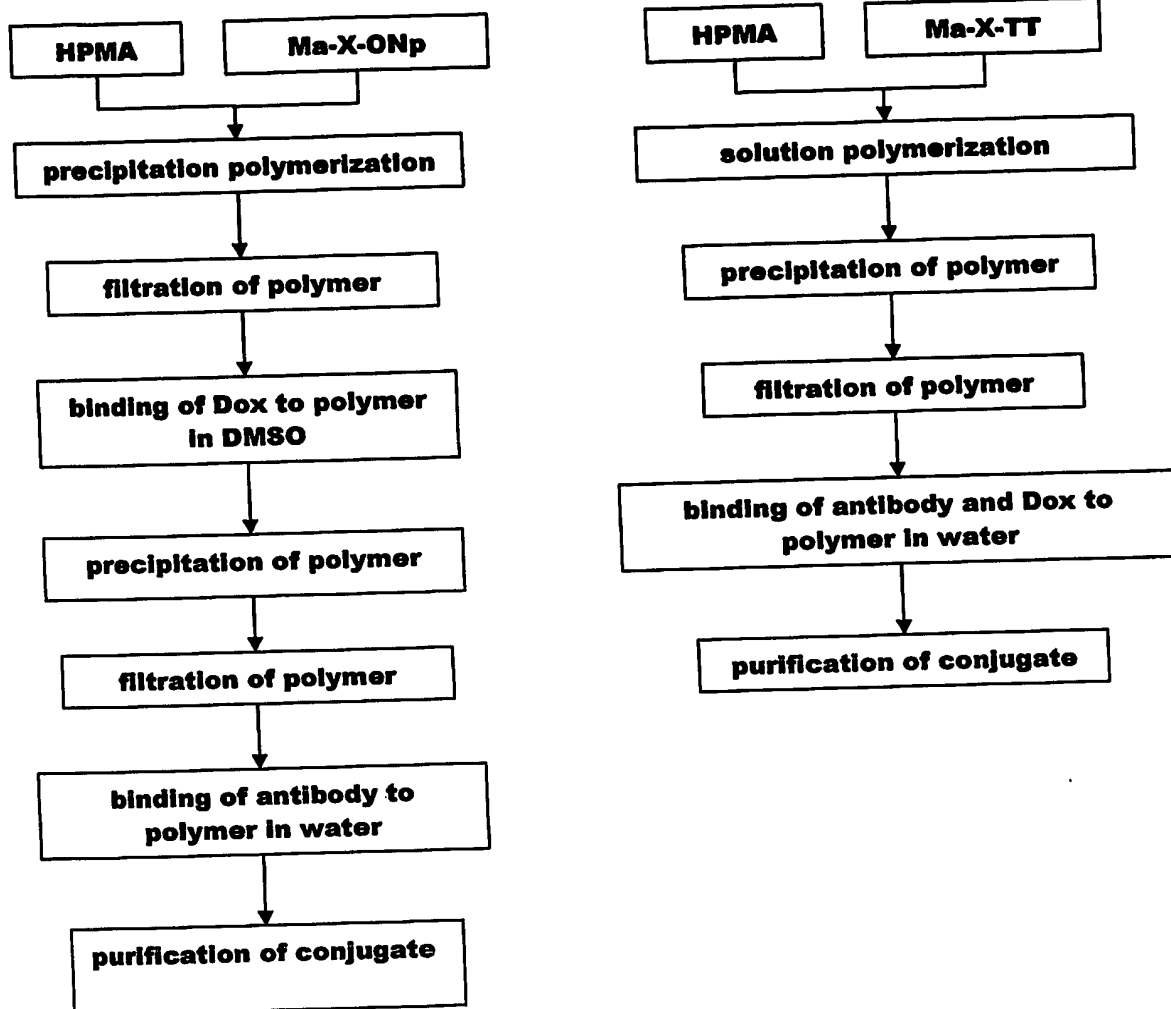
1/7



A comparison of rates of hydrolysis and aminolysis of copolymers P-Akap-TT and P-GlyGly-ONp in HEPES buffer at pH 8.0, ♦ P-Akap-TT hydrolysis, ◇ P-Akap-TT aminolysis, ▲ P-GlyGly-ONp hydrolysis, Δ P-GlyGly-ONp aminolysis

Fig. 1

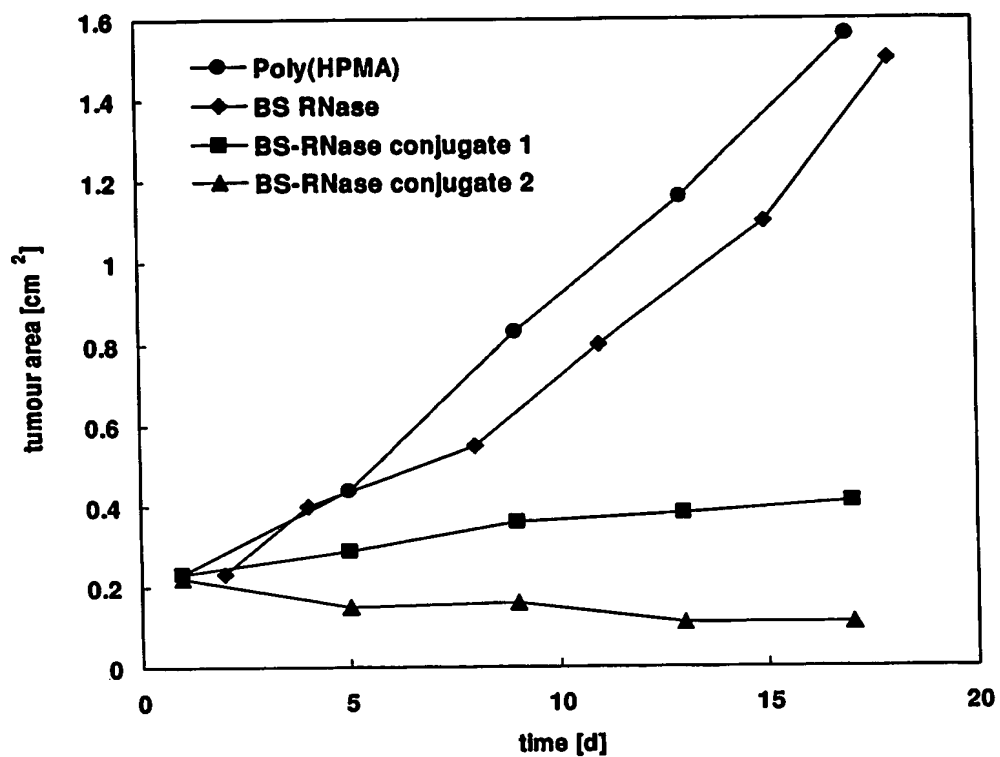
2/7



A comparison of synthesis of polymers with TT and ONp groups (X is an oligopeptide spacer between polymer and drug)

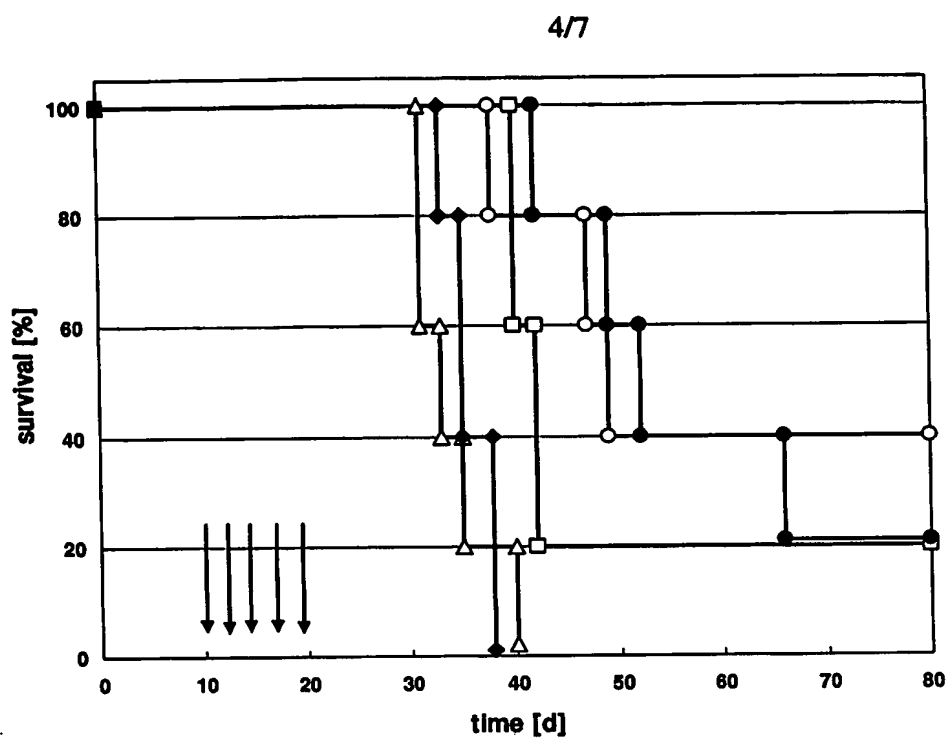
Fig. 2

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Biological activity of classic BS-RNase conjugate 1 and star BS-RNase conjugate 2 in treatment of human melanoma in nu-nu mice

Fig. 3



Survival periods of experimental mice in therapeutical mode treated with conjugates prepared according to Examples 5 and 6

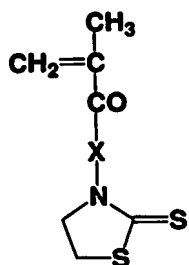
Δ control, ◆ DOX, □ P-Gly-DL-PheLeuGly-DOX

○ P-Gly-DL-PheLeuGly-DOX(hIgG), ● P-GlyPheLeuGly-DOX(hIgG)

Fig. 4

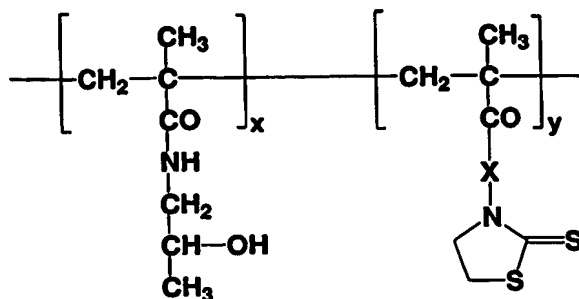
5/7

Structure I

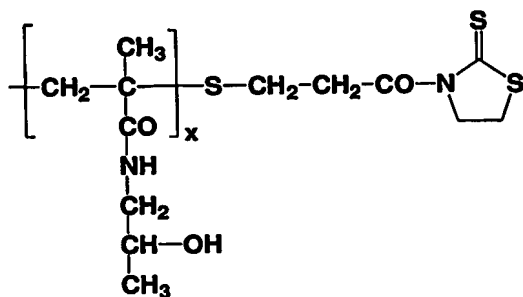


X - amino acid or oligopeptide residue

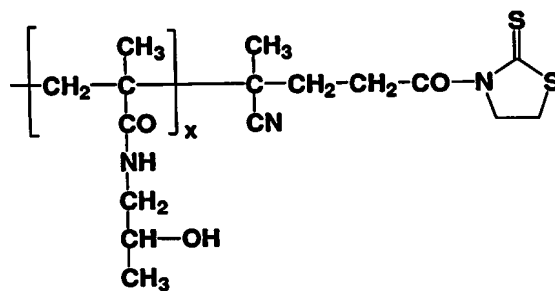
Structure II



Structure III



Structure V



Structure IV

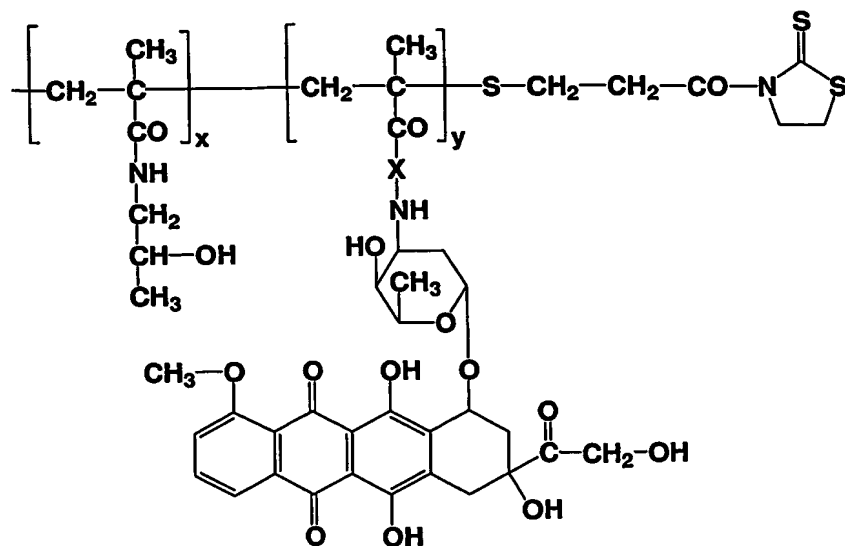


Fig. 5

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Structure VI

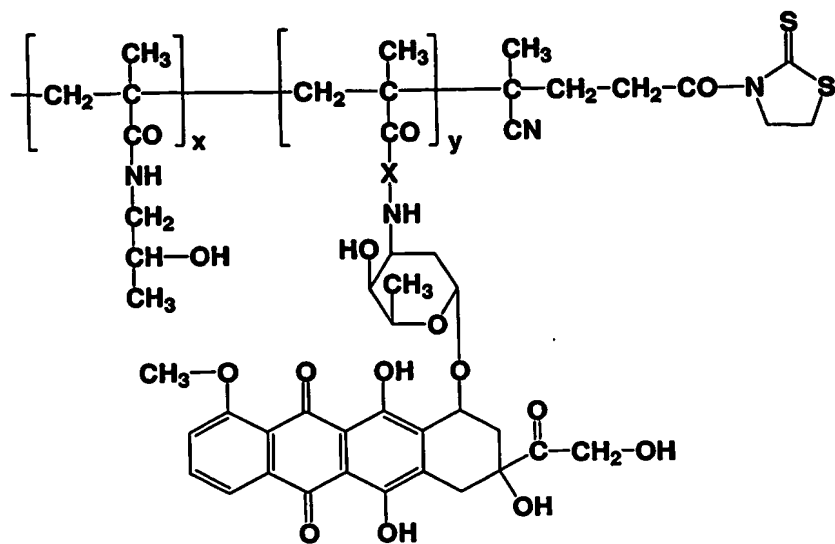
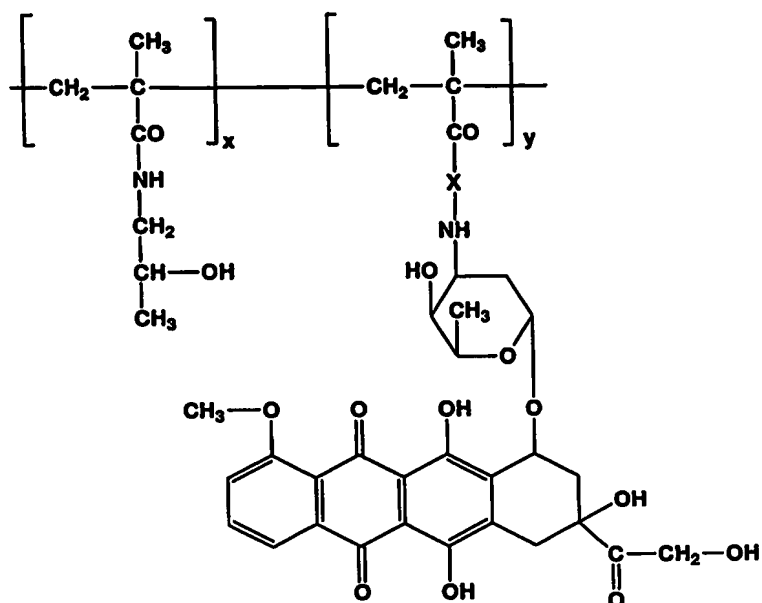


Fig. 6

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Structure VII



Structure VIII

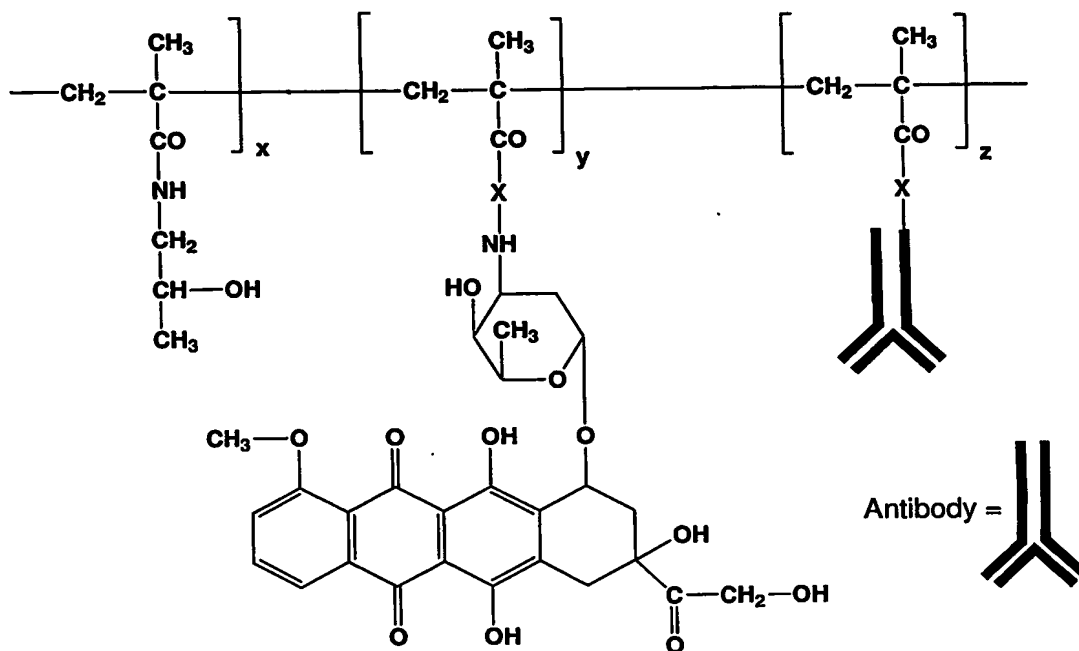


Fig. 7